

# Jongmin Kim

## Master Course Student

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### RESEARCH INTEREST

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Climate change & sustainability, Data science & machine learning

### EDUCATION

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Aug. 2020 ~	<b>Seoul National University</b> Department of Environmental Planning, Graduate School of Environmental Studies Advisor: Prof. Sujong Jeong	Seoul, Korea
Aug. 2020 ~ Mar. 2014	<b>Korea University</b> Division of Environmental Science and Ecological Engineering <i>Bachelor of Science</i> Studies of Climate Change (Second Major) <i>Bachelor of Climate Change</i>	Seoul, Korea

### RESEARCH EXPERIENCES

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- **Research Intern** at Climate Change Laboratory, *Seoul National University* Dec. 2019 ~ Feb. 2020  
Analyzing atmospheric pollution concentration (CO<sub>2</sub>, CO, NO<sub>2</sub>) derived by Australia forest fire using Satellites (OCO-2, TROPOMI) (Graduation thesis of Korea university)
- **Research Assistant** at AI Center, Seoul National University Apr. 2021 ~ Present  
Prediction of greenhouse gas concentration according to traffic volume in road transport sector using machine learning
- **Research Assistant** at Integrated Climate Science Laboratory, Seoul National University Oct. 2020 ~ Present  
Identification of polar land ecosystem change, Seoul National University,  
Investigation for contribution of CO<sub>2</sub> variation in metropolitan city to climate change

### AWARDS AND HONORS

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2019	Semester High Honors, 2 <sup>nd</sup> Semester, 2019	Korea University
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### CONFERENCES

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- **Kim C.** and S. Jeong, "Changes in the growth period of tundra vegetation in the northern hemisphere due to climate change, 2021 Fall Meeting of Korean Meteorological Society (2021) – poster.

### SKILLS

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- ✓ **Main language:** Korean (Native), English (Intermediate)
- ✓ **Experienced technique:** LINUX, Python, HTML, CSS, JS
- ✓ **Certificate:** Computer Specialist in Spreadsheet & Database level-I, Advanced Data Analytics Semi-Professional